

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **10-139214**

(43)Date of publication of application : **26.05.1998**

(51)Int.Cl.

**B65H 7/06**

**B65H 29/00**

**G06F 19/00**

**G07D 9/00**

(21)Application number : **08-302637**

(71)Applicant : **HITACHI LTD**

(22)Date of filing : **14.11.1996**

(72)Inventor : **SHIBATA YASUSHI  
KITANO KAZUHIKO**

## (54) CARRYING DEVICE

(57)Abstract:

**PROBLEM TO BE SOLVED:** To prevent the collapse of a carrying device due to a sensor failure in the carrying device such as one in a bill transacting device, when a sensor on a carrying passage fails.

**SOLUTION:** A carrying device is provided with a dummy outputting means, which degenerates the monitoring of a sensor 35 that is out of order and which makes necessary modifications on the output information from the failure sensor (dummy output), based on the output information from normal sensors 17, 34, and a switching means, which switches off the output-monitoring on the failure sensor into the monitoring on the dummy outputting means. With this, even if the sensor fails, one can watch for a substance getting into a jam.

